EXPIRATION DATE – December 31, 2026



WPDES PERMIT

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES PERMIT TO DISCHARGE UNDER THE WISCONSIN POLLUTANT DISCHARGE

ELIMINATION SYSTEM

Village of Ellsworth

is permitted, under the authority of Chapter 283, Wisconsin Statutes, to discharge from a facility located at
Utility St, Ellsworth, WI

to

Isabelle Creek in the Trimbelle and Isabelle Creek Watershed of the Lower Chippewa River Basin in Pierce County

in accordance with the effluent limitations, monitoring requirements and other conditions set forth in this permit.

The permittee shall not discharge after the date of expiration. If the permittee wishes to continue to discharge after this expiration date an application shall be filed for reissuance of this permit, according to Chapter NR 200, Wis. Adm. Code, at least 180 days prior to the expiration date given below.

Geisa Thielen		
Wastewater Field Supe	ervisor	

PERMIT TERM: EFFECTIVE DATE - April 01, 2022

TABLE OF CONTENTS

1 INFLUENT REQUIREMENTS	1
1.1 Sampling Point(s) 1.2 Monitoring Requirements 1.2.1 Sampling Point 701 - INFLUENT PLANT	1 1 <i>1</i>
2 SURFACE WATER REQUIREMENTS	2
2.1 Sampling Point(s) 2.2 Monitoring Requirements and Effluent Limitations 2.2.1 Sampling Point (Outfall) 001 - EFFLUENT	2 2 2
3 LAND APPLICATION REQUIREMENTS	6
3.1 Sampling Point(s) 3.2 Monitoring Requirements and Limitations 3.2.1 Sampling Point (Outfall) 002 - LIQUID SLUDGE	6 6 6
4 SCHEDULES	7
4.1 Phosphorus Multi-Discharger Variance Interim Limit (0.8 mg/L) 4.2 Phosphorus Schedule - Continued Optimization 4.3 Phosphorus Watershed Project Requirements 4.4 Chloride Source Reduction Measures (SRM) Annual Reports 4.5 Quarterly Waterway Inspection	7 7 7 8 8
5 STANDARD REQUIREMENTS	10
5.1 REPORTING AND MONITORING REQUIREMENTS 5.1.1 Monitoring Results 5.1.2 Sampling and Testing Procedures 5.1.3 Recording of Results 5.1.4 Reporting of Monitoring Results 5.1.5 Compliance Maintenance Annual Reports 5.1.6 Records Retention 5.1.7 Other Information 5.1.8 Reporting Requirements – Alterations or Additions 5.2 SYSTEM OPERATING REQUIREMENTS 5.2.1 Noncompliance Reporting 5.2.2 Flow Meters 5.2.3 Raw Grit and Screenings 5.2.4 Sludge Management 5.2.5 Prohibited Wastes 5.2.6 Bypass 5.2.7 Scheduled Bypass 5.2.8 Controlled Diversions 5.2.9 Proper Operation and Maintenance 5.2.10 Operator Certification 5.3 SEWAGE COLLECTION SYSTEMS 5.3.1 Sanitary Sewage Overflows and Sewage Treatment Facility Overflows 5.3.2 Capacity, Management, Operation and Maintenance (CMOM) Program	10 10 10 10 11 11 11 11 12 12 12 12 12 13 13 13 13 14 14 14 14 14
5.3.3 Sewer Cleaning Debris and Materials 5.4 Surface Water Requirements 5.4.1 Permittee-Determined Limit of Quantitation Incorporated into this Permit 5.4.2 Appropriate Formulas for Effluent Calculations 5.4.3 Effluent Temperature Requirements 5.4.4 Visible Foam or Floating Solids 5.4.5 Surface Water Uses and Criteria	17 17 17 17 18 18

WPDES Permit No. WI-0021253-10-0 Village of Ellsworth

5.4.6 Percent Removal	19
5.4.7 Fecal Coliform	19
5.4.8 Reopener Clause	19
5.5 LAND APPLICATION REQUIREMENTS	19
5.5.1 Sludge Management Program Standards And Requirements Based Upon Federally Promulgated Regulations	19
5.5.2 General Sludge Management Information	19
5.5.3 Sludge Samples	19
5.5.4 Land Application Characteristic Report	19
5.5.5 Calculation of Water Extractable Phosphorus	20
5.5.6 Annual Land Application Report	20
5.5.7 Other Methods of Disposal or Distribution Report	20
5.5.8 Approval to Land Apply	20
5.5.9 Soil Analysis Requirements	21
5.5.10 Land Application Site Evaluation	21
5.5.11 Sludge Hauling	21
6 SUMMARY OF REPORTS DUE	22

1 Influent Requirements

1.1 Sampling Point(s)

Sampling Point Designation					
Sampling	Sampling Sampling Point Location, WasteType/Sample Contents and Treatment Description (as applicable)				
Point					
Number					
701	Representative domestic influent samples shall be collected from the influent channel between the fine				
	screen in the headworks room and selector tank.				

1.2 Monitoring Requirements

The permittee shall comply with the following monitoring requirements.

1.2.1 Sampling Point 701 - INFLUENT PLANT

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Flow Rate		MGD	Daily	Continuous	
BOD ₅ , Total		mg/L	3/Week	24-Hr Flow	
				Prop Comp	
Suspended Solids,		mg/L	3/Week	24-Hr Flow	
Total				Prop Comp	

2 Surface Water Requirements

2.1 Sampling Point(s)

	Sampling Point Designation				
Sampling	Sampling Sampling Point Location, WasteType/Sample Contents and Treatment Description (as				
Point	applicable)				
Number					
001	Representative effluent composite samples shall be collected in the effluent channel before				
	ultraviolet disinfection. Grab samples shall be collected in the effluent channel after				
	disinfection.				

2.2 Monitoring Requirements and Effluent Limitations

The permittee shall comply with the following monitoring requirements and limitations.

2.2.1 Sampling Point (Outfall) 001 - EFFLUENT

	Monitoring Requirements and Effluent Limitations					
Parameter	Limit Type	Limit and	Sample	Sample	Notes	
		Units	Frequency	Type		
Flow Rate		MGD	Daily	Continuous		
BOD ₅ , Total	Monthly Avg	20 mg/L	3/Week	24-Hr Flow		
				Prop Comp		
BOD ₅ , Total	Weekly Avg	30 mg/L	3/Week	24-Hr Flow		
				Prop Comp		
Suspended Solids,	Monthly Avg	20 mg/L	3/Week	24-Hr Flow		
Total				Prop Comp		
Suspended Solids,	Weekly Avg	30 mg/L	3/Week	24-Hr Flow		
Total				Prop Comp		
pH Field	Daily Max	9.0 su	Daily	Grab		
pH Field	Daily Min	6.0 su	Daily	Grab		
Dissolved Oxygen	Daily Min	4.0 mg/L	3/Week	Grab		
Nitrogen, Ammonia	Daily Max	See Below	3/Week	24-Hr Flow		
(NH ₃ -N) Total				Prop Comp	See ammonia section below	
Nitrogen, Ammonia	Weekly Avg	See Below	3/Week	24-Hr Flow	for specifics on daily max,	
(NH ₃ -N) Total				Prop Comp	weekly average and	
Nitrogen, Ammonia	Monthly Avg	See Below	3/Week	24-Hr Flow	monthly average limits.	
(NH ₃ -N) Total				Prop Comp		
Fecal Coliform	Geometric	400 #/100 ml	Weekly	Grab	Limit applies year-round	
	Mean -					
	Monthly					
Chloride	Monthly Avg	400 mg/L	4/Month	24-Hr Flow	Samples for chloride shall	
				Prop Comp	be collected on four	
Chloride	Weekly Avg	400 mg/L	4/Month	24-Hr Flow	consecutive days each	
				Prop Comp	month.	

	Monitor	ring Requireme	ents and Effluen	t Limitations	
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Chloride, Variable Limit	Weekly Avg - Variable	lbs/day lbs/day	4/Month 4/Month	Calculated Calculated	See section below on alternate wet weather chloride mass limit.
Nitrogen, Nitrite + Nitrate Total		mg/L	Weekly	24-Hr Flow Prop Comp	
Nitrogen, Total Kjeldahl		mg/L	Weekly	24-Hr Flow Prop Comp	
Nitrogen, Total	Monthly Avg	10 mg/L	Weekly	Calculated	
Phosphorus, Total	Monthly Avg	0.9 mg/L	3/Week	24-Hr Flow Prop Comp	This is an interim limit effective through 03/31/2024. See the MDV/Phosphorus subsections and phosphorus schedules.
Phosphorus, Total	Monthly Avg	0.8 mg/L	3/Week	24-Hr Flow Prop Comp	This is an interim MDV limit effective 04/01/2024. See the MDV/Phosphorus subsections and phosphorus compliance schedules.
Phosphorus, Total		lbs/month	Monthly	Calculated	Report the total monthly phosphorus discharged in lbs/month on the last day of the month on the DMR. See Standard Requirements for 'Appropriate Formulas' to calculate the Total Monthly Discharge in lbs/month.
Phosphorus, Total		lbs/yr	Annual	Calculated	Report the sum of the total monthly discharges for the calendar year on the Annual report form.

2.2.1.1 Annual Average Design Flow

The annual average design flow of the permittee's wastewater treatment facility is 0.358 million gallons per day.

2.2.1.2 Nitrogen, Ammonia (NH3-N) Limits

Below is a summary of limits for Nitrogen, Ammonia (NH₃-N) that vary seasonally.

Month	Daily Maximum Limit (mg/L)	Weekly Average Limit (mg/L)	Monthly Average Limit (mg/L)
January	6.8	6.8	6.1
February	6.8	6.8	6.1
March	6.8	6.8	6.1
April	7.6	7.6	6.1

May	8.4	8.1	3.2
June	8.4	8.1	3.2
July	8.4	8.1	3.2
August	8.4	8.1	3.2
September	8.4	8.1	3.2
October	6.8	6.8	6.8
November	6.8	6.8	6.8
December	6.8	6.8	6.8

2.2.1.3 Chloride Non-Wet Weather and Alternative Wet Weather Mass Limit

Chloride shall be monitored four times per month, on consecutive days of the month. Chloride has a mass limit based on weather conditions. The applicable non-wet weather mass limit is 1,194 pounds/day. The applicable wet weather mass limit is 2,632 pounds/day.

Report the applicable mass limit on the Discharge Monitoring Report form in the variable limit column. See Standard Requirements for "Applicability of Alternative Wet Weather Mass Limitations" and "Appropriate Formulas for Effluent Calculations".

Note: 1000 ug/l = 1 mg/L (divide ug/L by 1000 to convert to mg/L).

2.2.1.4 MDV (Multi-Discharger Variance) Requirements

Optimization: The permittee shall continue to optimize performance to control phosphorus discharges in accordance with s. 283.16(6), Wis. Stats. See the Schedules section for optimization requirements.

Watershed Provisions: The permittee is required to implement watershed measures to reduce the amount of phosphorus entering the receiving water. The permittee has selected the following approved watershed measure.

Binding Written Agreement with Another Person: The permittee has entered into a binding written agreement with another person under which the permittee and other person implement Watershed Plan # MDV-2021-0001 that is designed to result in a reduction of phosphorus pollution in the basin. In addition, the amount equal to the difference between the amount of phosphorus discharged by the permittee minus the target value shall not exceed 517 lbs/yr. An exceedance of this value is a violation. The target value is 0.2 mg/L per s. 283.16(1)(h), Wis. Stats., and is applicable year around. Refer to the Schedules section for the scheduled reporting requirements.

Annual Offset Required = [Annual Phosphorus Load – Annual Target Load] Calculation Steps:

•Calculate pounds of phosphorus discharged for each month that the MDV is in effect:

Monthly Phosphorus Load (lbs/month) = Total Monthly Flow (MG) \times Monthly Avg. TP effluent conc. (mg/L) \times 8.34

• Sum the lbs/month discharged for the months that the MDV is in effect to calculate the annual phosphorus load:

Annual Phosphorus Load (lbs/year) = \sum [Monthly Phosphorus Load (lbs/month)]

•Calculate the Target Load (lbs/month) for each month that the MDV is in effect.

4

 $\frac{Target\ Value=0.2\ mg/L}{Monthly\ Target\ Load\ (lbs/month)=Total\ Monthly\ Flow\ (MG)\times0.2\ mg/L\times8.34}$

•Sum the lbs/month for the months that the MDV is in effect to calculate the Annual Target Load:

Annual Target Load (lbs/year) = \sum [Monthly Target Load (lbs/month)]

• Calculate the annual offset:

Annual Offset = [Annual Phosphorus Load – Annual Target Load]

2.2.1.5 Quarterly Waterway Inspection

The permittee is required to inspect the waterway quarterly for sinkholes. See the "Quarterly Waterway Inspection" requirement in the Schedules section for more information.

3 Land Application Requirements

3.1 Sampling Point(s)

The discharge(s) shall be limited to land application of the waste type(s) designated for the listed sampling point(s) on Department approved land spreading sites or by hauling to another facility.

	Sampling Point Designation				
Sampling	ling Sampling Point Location, WasteType/Sample Contents and Treatment Description (as applicable				
Point					
Number					
002	As long as sludge is shipped to the West Central Wisconsin Biosolids Facility (WCWBF) for disposal, representative sludge samples shall be collected once per year and monitored for List 1. Sludge samples shall be collected prior to hauling and test results shall be reported on Form 3400-49 "Waste Characteristics Report". Hauled sludge reports shall be submitted on Form 3400-52 "Other Methods of Disposal or Distribution Report" following each year that sludge is hauled.				

3.2 Monitoring Requirements and Limitations

The permittee shall comply with the following monitoring requirements and limitations.

3.2.1 Sampling Point (Outfall) 002 - LIQUID SLUDGE

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Solids, Total		Percent	Annual	Composite	
Arsenic Dry Wt	Ceiling	75 mg/kg	Annual	Composite	
Arsenic Dry Wt	High Quality	41 mg/kg	Annual	Composite	
Cadmium Dry Wt	Ceiling	85 mg/kg	Annual	Composite	
Cadmium Dry Wt	High Quality	39 mg/kg	Annual	Composite	
Copper Dry Wt	Ceiling	4,300 mg/kg	Annual	Composite	
Copper Dry Wt	High Quality	1,500 mg/kg	Annual	Composite	
Lead Dry Wt	Ceiling	840 mg/kg	Annual	Composite	
Lead Dry Wt	High Quality	300 mg/kg	Annual	Composite	
Mercury Dry Wt	Ceiling	57 mg/kg	Annual	Composite	
Mercury Dry Wt	High Quality	17 mg/kg	Annual	Composite	
Molybdenum Dry Wt	Ceiling	75 mg/kg	Annual	Composite	
Nickel Dry Wt	Ceiling	420 mg/kg	Annual	Composite	
Nickel Dry Wt	High Quality	420 mg/kg	Annual	Composite	
Selenium Dry Wt	Ceiling	100 mg/kg	Annual	Composite	
Selenium Dry Wt	High Quality	100 mg/kg	Annual	Composite	
Zinc Dry Wt	Ceiling	7,500 mg/kg	Annual	Composite	
Zinc Dry Wt	High Quality	2,800 mg/kg	Annual	Composite	

4 Schedules

4.1 Phosphorus Multi-Discharger Variance Interim Limit (0.8 mg/L)

This compliance schedule requires the permittee to achieve compliance with the specified MDV interim effluent limit in accordance with s. 283.16(6), Wis. Stats., by the due date.

Required Action	Due Date
Report on Effluent Discharges: Submit a report on effluent discharges of phosphorus with conclusions regarding compliance.	09/30/2022
Action Plan: Submit an action plan for complying with the specified interim effluent limit. If construction is required, include plans and specifications with the submittal.	03/31/2023
Initiate Actions: Initiate actions identified in the plan.	10/01/2023
Complete Actions: Complete actions identified in the plan and achieve compliance with the specified interim effluent limit. The monthly average interim MDV limit of 0.8 mg/L becomes effective 04/01/2024.	03/31/2024

4.2 Phosphorus Schedule - Continued Optimization

The permittee is required to optimize performance to control phosphorus discharges per the following schedule.

Required Action	Due Date
Optimization: The permittee shall continue to implement the optimization plan as previously approved to optimize performance to control phosphorus discharges. Submit a progress report on optimizing removal of phosphorus by the Due Date.	03/31/2023
Progress Report #2: Submit a progress report on optimizing removal of phosphorus.	03/31/2024
Progress Report #3: Submit a progress report on optimizing removal of phosphorus.	03/31/2025
Progress Report #4: Submit a progress report on optimizing removal of phosphorus.	03/31/2026

4.3 Phosphorus Watershed Project Requirements

The permittee is required to submit annual watershed project reports in accordance with the schedule below.

Required Action	Due Date
Annual Watershed Report: The permittee shall submit an annual report each year that documents the following:	06/30/2022
1) The calculated monthly discharge of phosphorus in lbs/month and the calculated monthly target value in lbs/month for the previous calendar year. See the calculation steps in the Surface Water section of this permit.	
2) The calculated Annual Offset to be generated by the approved Watershed Plan for the previous calendar year. See the calculation steps in the Surface Water section of this permit.	
3) Verification that Watershed Plan # MDV-2021-0001 was implemented as approved and practices are operated and maintained consistent with the approved plan.	
4) The pounds of phosphorus reduction achieved through the approved Watershed Plan for the previous calendar year.	

5) The source of the phosphorus reductions with a reference to the approved Watershed Plan used to generate the offset.	
6) Identification of any non-compliance or failure to implement the approved Watershed Plan.	
The first report is due by June 30, 2022 and subsequent reports are due on May 1 of each year.	
Annual Watershed Report #2: Submit an annual report (as described above) by May 1, 2023.	05/01/2023
Annual Watershed Report #3: Submit an annual report (as described above) by May 1, 2024.	05/01/2024
Annual Watershed Report #4: Submit an annual report (as described above) by May 1, 2025.	05/01/2025
Annual Watershed Report #5: Submit an annual report (as described above) by May 1, 2026.	05/01/2026
In the event the permit is not reissued prior to expiration, report submittal shall continue after the permit expiration date (until the permit is reissued). For example, the next report would be due 05/01/2027.	

4.4 Chloride Source Reduction Measures (SRM) Annual Reports

The permittee shall submit Chloride SRM Annual Reports by the Due Date.

Required Action	Due Date
Annual Chloride SRM Report: The annual chloride source reduction measures annual report shall include the following information on chloride source reduction activities performed during the previous year:	09/30/2022
1) Indicate actions taken to identify sources of chloride to the treatment plant;	
2) Include a description of actions taken to minimize chloride sources;	
3) Include a description of actions taken to maintain source reduction efforts; and	
4) Include an analysis of trends in weekly, monthly and annual average chloride concentration and total mass discharge of chloride based on chloride sampling and flow data.	
The first annual chloride SRM report is to be submitted by the Date Due.	
Annual Chloride SRM Progress Report #2: Submit an annual chloride source reduction measures progress report as described above.	09/30/2023
Annual Chloride SRM Progress Report #3: Submit an annual chloride source reduction measures progress report as described above.	09/30/2024
Annual Chloride SRM Progress Report #4: Submit an annual chloride source reduction measures progress report as described above.	09/30/2025
Final Chloride SRM Report: Submit a final chloride SRM report documenting progress towards meeting the chloride limits. The report shall summarize chloride source reduction measures that have been implemented during the current permit term and state which, if any, source reduction measures were not pursued and why. The report shall include an analysis of trends in weekly, monthly and annual average chloride concentrations and total mass discharge of chloride based on chloride sampling and flow data covering the current permit term. Summarize any chloride monitoring	09/30/2026

conducted in the collection system.	
Additionally, the report shall include proposed source reduction measures for the next permit term.	
Annual Chloride SRM Reports After Permit Expiration: In the event that this permit is not reissued on time, the permittee shall continue to submit annual chloride SRM progress reports each year covering source reduction measures implemented and chloride concentration and mass discharge trends.	

4.5 Quarterly Waterway Inspection

Required Action	Due Date
Quarterly Waterway Inspection: The permittee shall inspect the effluent waterway once per quarter from point of discharge to 1,000 feet downstream. Document on an 8.5 x 11 inch map the location of the inspection and if/where sinkholes were observed thereby potentially allowing effluent to seep into groundwater. Mark locations of any swallets, sinkholes, fractured bedrock or similar features on the map.	
This quarterly inspection report/map shall be completed by within 30 days of the inspection, or by the 21st day of the month after the close of the quarter (whichever is sooner) and made available to the department upon request.	
Waterway Maintenance: If swallets, sinkholes or fractured bedrock are observed during the waterway inspection or at other times, the permittee shall report presence of swallets or sinkholes to the Department within 24 hours. Permittee shall implement a temporary remedy as soon as possible but not later than seven days from discovery of the problem. The permittee shall implement a permanent remedy within 60 days of discovery.	

5 Standard Requirements

NR 205, Wisconsin Administrative Code: The conditions in ss. NR 205.07(1) and NR 205.07(2), Wis. Adm. Code, are included by reference in this permit. The permittee shall comply with all of these requirements. Some of these requirements are outlined in the Standard Requirements section of this permit. Requirements not specifically outlined in the Standard Requirement section of this permit can be found in ss. NR 205.07(1) and NR 205.07(2).

5.1 Reporting and Monitoring Requirements

5.1.1 Monitoring Results

Monitoring results obtained during the previous month shall be summarized and reported on a Department Wastewater Discharge Monitoring Report. The report may require reporting of any or all of the information specified below under 'Recording of Results'. This report is to be returned to the Department no later than the date indicated on the form. A copy of the Wastewater Discharge Monitoring Report Form or an electronic file of the report shall be retained by the permittee.

Monitoring results shall be reported on an electronic discharge monitoring report (eDMR). The eDMR shall be certified electronically by a responsible executive or municipal officer, manager, partner or proprietor as specified in s. 283.37(3), Wis. Stats., or a duly authorized representative of the officer, manager, partner or proprietor that has been delegated signature authority pursuant to s. NR 205.07(1)(g)2, Wis. Adm. Code. The 'eReport Certify' page certifies that the electronic report form is true, accurate and complete.

If the permittee monitors any pollutant more frequently than required by this permit, the results of such monitoring shall be included on the Wastewater Discharge Monitoring Report.

The permittee shall comply with all limits for each parameter regardless of monitoring frequency. For example, monthly, weekly, and/or daily limits shall be met even with monthly monitoring. The permittee may monitor more frequently than required for any parameter.

5.1.2 Sampling and Testing Procedures

Sampling and laboratory testing procedures shall be performed in accordance with Chapters NR 218 and NR 219, Wis. Adm. Code and shall be performed by a laboratory certified or registered in accordance with the requirements of ch. NR 149, Wis. Adm. Code. Groundwater sample collection and analysis shall be performed in accordance with ch. NR 140, Wis. Adm. Code. The analytical methodologies used shall enable the laboratory to quantitate all substances for which monitoring is required at levels below the effluent limitation. If the required level cannot be met by any of the methods available in NR 219, Wis. Adm. Code, then the method with the lowest limit of detection shall be selected. Additional test procedures may be specified in this permit.

5.1.3 Recording of Results

The permittee shall maintain records which provide the following information for each effluent measurement or sample taken:

- the date, exact place, method and time of sampling or measurements:
- the individual who performed the sampling or measurements;
- the date the analysis was performed;
- the individual who performed the analysis;
- the analytical techniques or methods used; and

• the results of the analysis.

5.1.4 Reporting of Monitoring Results

The permittee shall use the following conventions when reporting effluent monitoring results:

- Pollutant concentrations less than the limit of detection shall be reported as < (less than) the value of the limit of detection. For example, if a substance is not detected at a detection limit of 0.1 mg/L, report the pollutant concentration as < 0.1 mg/L.
- Pollutant concentrations equal to or greater than the limit of detection, but less than the limit of quantitation, shall be reported and the limit of quantitation shall be specified.
- For purposes of calculating NR 101 fees, the 2 mg/l lower reporting limits for BOD₅ and Total Suspended Solids shall be considered to be limits of quantitation
- For the purposes of reporting a calculated result, average or a mass discharge value, the permittee may substitute a "0" (zero) for any pollutant concentration that is less than the limit of detection. However, if the effluent limitation is less than the limit of detection, the department may substitute a value other than zero for results less than the limit of detection, after considering the number of monitoring results that are greater than the limit of detection and if warranted when applying appropriate statistical techniques.
- If no discharge occurs through an outfall, flow related parameters (e.g. flow rate, hydraulic application rate, volume, etc.) should be reported as "0" (zero) at the required sample frequency specified for the outfall. For example: if the sample frequency is daily, "0" would be reported for any day during the month that no discharge occurred.

5.1.5 Compliance Maintenance Annual Reports

Compliance Maintenance Annual Reports (CMAR) shall be completed using information obtained over each calendar year regarding the wastewater conveyance and treatment system. The CMAR shall be submitted and certified by the permittee in accordance with ch. NR 208, Wis. Adm. Code, by June 30, each year on an electronic report form provided by the Department.

In the case of a publicly owned treatment works, a resolution shall be passed by the governing body and submitted as part of the CMAR, verifying its review of the report and providing responses as required. Private owners of wastewater treatment works are not required to pass a resolution; but they must provide an Owner Statement and responses as required, as part of the CMAR submittal.

The CMAR shall be certified electronically by a responsible executive or municipal officer, manager, partner or proprietor as specified in s. 283.37(3), Wis. Stats., or a duly authorized representative of the officer, manager, partner or proprietor that has been delegated signature authority pursuant to s. NR 205.07(1)(g)2, Wis. Adm. Code. The certification verifies that the electronic report is true, accurate and complete.

5.1.6 Records Retention

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings or electronic data records for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the application for the permit for a period of at least 3 years from the date of the sample, measurement, report or application. All pertinent sludge information, including permit application information and other

documents specified in this permit or s. NR 204.06(9), Wis. Adm. Code shall be retained for a minimum of 5 years.

5.1.7 Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or correct information to the Department.

5.1.8 Reporting Requirements – Alterations or Additions

The permittee shall give notice to the Department as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is only required when:

- The alteration or addition to the permitted facility may meet one of the criteria for determining whether a facility is a new source.
- The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification requirement applies to pollutants which are not subject to effluent limitations in the existing permit.
- The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use of disposal sites not reported during the permit application process nor reported pursuant to an approved land application plan. Additional sites may not be used for the land application of sludge until department approval is received.

5.2 System Operating Requirements

5.2.1 Noncompliance Reporting

Sanitary sewer overflows and sewage treatment facility overflows shall be reported according to the 'Sanitary Sewer Overflows and Sewage Treatment Facility Overflows' section of this permit.

The permittee shall report the following types of noncompliance by a telephone call to the Department's regional office within 24 hours after becoming aware of the noncompliance:

- any noncompliance which may endanger health or the environment;
- any violation of an effluent limitation resulting from a bypass;
- any violation of an effluent limitation resulting from an upset; and
- any violation of a maximum discharge limitation for any of the pollutants listed by the Department in the permit, either for effluent or sludge.

A written report describing the noncompliance shall also be submitted to the Department's regional office within 5 days after the permittee becomes aware of the noncompliance. On a case-by-case basis, the Department may waive the requirement for submittal of a written report within 5 days and instruct the permittee to submit the written report with the next regularly scheduled monitoring report. In either case, the written report shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; the steps taken or planned to reduce, eliminate and prevent reoccurrence of the noncompliance; and if the noncompliance has not been corrected, the length of time it is expected to continue.

A scheduled bypass approved by the Department under the 'Scheduled Bypass' section of this permit shall not be subject to the reporting required under this section.

NOTE: Section 292.11(2)(a), Wisconsin Statutes, requires any person who possesses or controls a hazardous substance or who causes the discharge of a hazardous substance to notify the Department of Natural Resources immediately of any discharge not authorized by the permit. The discharge of a hazardous substance that is not authorized by this permit or that violates this permit may be a hazardous substance spill. To report a hazardous substance spill, call DNR's 24-hour HOTLINE at 1-800-943-0003.

5.2.2 Flow Meters

Flow meters shall be calibrated annually, as per s. NR 218.06, Wis. Adm. Code.

5.2.3 Raw Grit and Screenings

All raw grit and screenings shall be disposed of at a properly licensed solid waste facility or picked up by a licensed waste hauler. If the facility or hauler are located in Wisconsin, then they shall be licensed under chs. NR 500-555, Wis. Adm. Code.

5.2.4 Sludge Management

All sludge management activities shall be conducted in compliance with ch. NR 204 "Domestic Sewage Sludge Management", Wis. Adm. Code.

5.2.5 Prohibited Wastes

Under no circumstances may the introduction of wastes prohibited by s. NR 211.10, Wis. Adm. Code, be allowed into the waste treatment system. Prohibited wastes include those:

- which create a fire or explosion hazard in the treatment work;
- which will cause corrosive structural damage to the treatment work;
- solid or viscous substances in amounts which cause obstructions to the flow in sewers or interference with the proper operation of the treatment work;
- wastewaters at a flow rate or pollutant loading which are excessive over relatively short time periods so as to cause a loss of treatment efficiency; and
- changes in discharge volume or composition from contributing industries which overload the treatment works or cause a loss of treatment efficiency.

5.2.6 Bypass

This condition applies only to bypassing at a sewage treatment facility that is not a scheduled bypass, approved blending as a specific condition of this permit, a sewage treatment facility overflow or a controlled diversion as provided in the sections titled 'Scheduled Bypass', 'Blending' (if approved), 'SSO's and Sewage Treatment Facility Overflows' and 'Controlled Diversions' of this permit. Any other bypass at the sewage treatment facility is prohibited and the Department may take enforcement action against a permittee for such occurrences under s. 283.89, Wis. Stats. The Department may approve a bypass if the permittee demonstrates all the following conditions apply:

- The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
- There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities or adequate back-up equipment, retention of untreated wastes, reduction of inflow and infiltration, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the

exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance. When evaluating feasibility of alternatives, the department may consider factors such as technical achievability, costs and affordability of implementation and risks to public health, the environment and, where the permittee is a municipality, the welfare of the community served; and

• The bypass was reported in accordance with the Noncompliance Reporting section of this permit.

5.2.7 Scheduled Bypass

Whenever the permittee anticipates the need to bypass for purposes of efficient operations and maintenance and the permittee may not meet the conditions for controlled diversions in the 'Controlled Diversions' section of this permit, the permittee shall obtain prior written approval from the Department for the scheduled bypass. A permittee's written request for Department approval of a scheduled bypass shall demonstrate that the conditions for bypassing specified in the above section titled 'Bypass' are met and include the proposed date and reason for the bypass, estimated volume and duration of the bypass, alternatives to bypassing and measures to mitigate environmental harm caused by the bypass. The department may require the permittee to provide public notification for a scheduled bypass if it is determined there is significant public interest in the proposed action and may recommend mitigation measures to minimize the impact of such bypass.

5.2.8 Controlled Diversions

Controlled diversions are allowed only when necessary for essential maintenance to assure efficient operation. Sewage treatment facilities that have multiple treatment units to treat variable or seasonal loading conditions may shut down redundant treatment units when necessary for efficient operation. The following requirements shall be met during controlled diversions:

- Effluent from the sewage treatment facility shall meet the effluent limitations established in the permit. Wastewater that is diverted around a treatment unit or treatment process during a controlled diversion shall be recombined with wastewater that is not diverted prior to the effluent sampling location and prior to effluent discharge;
- A controlled diversion does not include blending as defined in s. NR 210.03(2e), Wis. Adm. Code, and as may only be approved under s. NR 210.12. A controlled diversion may not occur during periods of excessive flow or other abnormal wastewater characteristics;
- A controlled diversion may not result in a wastewater treatment facility overflow; and
- All instances of controlled diversions shall be documented in sewage treatment facility records and such records shall be available to the department on request.

5.2.9 Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training as required in ch. NR 114, Wis. Adm. Code, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

5.2.10 Operator Certification

The wastewater treatment facility shall be under the direct supervision of a state certified operator. In accordance with s. NR 114.53, Wis. Adm. Code, every WPDES permitted treatment plant shall have a designated operator-in-charge holding a current and valid certificate. The designated operator-in-charge shall be certified at the level and in all subclasses of the treatment plant, except laboratory. Treatment plant owners shall notify the department of any changes in the operator-in-charge within 30 days. Note that s. NR 114.52(22), Wis. Adm. Code, lists types of facilities that are excluded from operator certification requirements (i.e. private sewage systems, pretreatment facilities discharging to public sewers, industrial wastewater treatment that consists solely of land disposal, agricultural digesters and concentrated aquatic production facilities with no biological treatment).

5.3 Sewage Collection Systems

5.3.1 Sanitary Sewage Overflows and Sewage Treatment Facility Overflows

5.3.1.1 Overflows Prohibited

Any overflow or discharge of wastewater from the sewage collection system or at the sewage treatment facility, other than from permitted outfalls, is prohibited. The permittee shall provide information on whether any of the following conditions existed when an overflow occurred:

- The sanitary sewer overflow or sewage treatment facility overflow was unavoidable to prevent loss of life, personal injury or severe property damage;
- There were no feasible alternatives to the sanitary sewer overflow or sewage treatment facility overflow such as the use of auxiliary treatment facilities or adequate back-up equipment, retention of untreated wastes, reduction of inflow and infiltration, or preventative maintenance activities;
- The sanitary sewer overflow or the sewage treatment facility overflow was caused by unusual or severe weather related conditions such as large or successive precipitation events, snowmelt, saturated soil conditions, or severe weather occurring in the area served by the sewage collection system or sewage treatment facility; and
- The sanitary sewer overflow or the sewage treatment facility overflow was unintentional, temporary, and caused by an accident or other factors beyond the reasonable control of the permittee.

5.3.1.2 Permittee Response to Overflows

Whenever a sanitary sewer overflow or sewage treatment facility overflow occurs, the permittee shall take all feasible steps to control or limit the volume of untreated or partially treated wastewater discharged, and terminate the discharge as soon as practicable. Remedial actions, including those in NR 210.21 (3), Wis. Adm. Code, shall be implemented consistent with an emergency response plan developed under the CMOM program.

5.3.1.3 Permittee Reporting

Permittees shall report all sanitary sewer overflows and sewage treatment overflows as follows:

- The permittee shall notify the department by telephone, fax or email as soon as practicable, but no later than 24 hours from the time the permittee becomes aware of the overflow;
- The permittee shall, no later than five days from the time the permittee becomes aware of the overflow, provide to the department the information identified in this paragraph using department form number 3400-184. If an overflow lasts for more than five days, an initial report shall be submitted within 5 days as required in this paragraph and an

updated report submitted following cessation of the overflow. At a minimum, the following information shall be included in the report:

- •The date and location of the overflow;
- •The surface water to which the discharge occurred, if any;
- •The duration of the overflow and an estimate of the volume of the overflow;
- °A description of the sewer system or treatment facility component from which the discharge occurred such as manhole, lift station, constructed overflow pipe, or crack or other opening in a pipe;
- •The estimated date and time when the overflow began and stopped or will be stopped;
- •The cause or suspected cause of the overflow including, if appropriate, precipitation, runoff conditions, areas of flooding, soil moisture and other relevant information;
- °Steps taken or planned to reduce, eliminate and prevent reoccurrence of the overflow and a schedule of major milestones for those steps;
- °A description of the actual or potential for human exposure and contact with the wastewater from the overflow;
- °Steps taken or planned to mitigate the impacts of the overflow and a schedule of major milestones for those steps;
- °To the extent known at the time of reporting, the number and location of building backups caused by excessive flow or other hydraulic constraints in the sewage collection system that occurred concurrently with the sanitary sewer overflow and that were within the same area of the sewage collection system as the sanitary sewer overflow; and °The reason the overflow occurred or explanation of other contributing circumstances that resulted in the overflow event. This includes any information available including whether the overflow was unavoidable to prevent loss of life, personal injury, or severe property damage and whether there were feasible alternatives to the overflow.

NOTE: A copy of form 3400-184 for reporting sanitary sewer overflows and sewage treatment facility overflows may be obtained from the department or accessed on the department's web site at http://dnr.wi.gov/topic/wastewater/SSOreport.html. As indicated on the form, additional information may be submitted to supplement the information required by the form.

- The permittee shall identify each specific location and each day on which a sanitary sewer overflow or sewage treatment facility overflow occurs as a discrete sanitary sewer overflow or sewage treatment facility overflow occurrence. An occurrence may be more than one day if the circumstances causing the sanitary sewer overflow or sewage treatment facility overflow results in a discharge duration of greater than 24 hours. If there is a stop and restart of the overflow at the same location within 24 hours and the overflow is caused by the same circumstance, it may be reported as one occurrence. Sanitary sewer overflow occurrences at a specific location that are separated by more than 24 hours shall be reported as separate occurrences; and
- A permittee that is required to submit wastewater discharge monitoring reports under NR 205.07 (1) (r) shall also report all sanitary sewer overflows and sewage treatment facility overflows on that report.

5.3.1.4 Public Notification

The permittee shall notify the public of any sanitary sewer and sewage treatment facility overflows consistent with its emergency response plan required under the CMOM (Capacity, Management, Operation and Maintenance) section of this permit and s. NR 210.23 (4) (f), Wis. Adm. Code. Such public notification shall occur promptly following any overflow event using the most effective and

efficient communications available in the community. At minimum, a daily newspaper of general circulation in the county(s) and municipality whose waters may be affected by the overflow shall be notified by written or electronic communication.

5.3.2 Capacity, Management, Operation and Maintenance (CMOM) Program

- The permittee shall have written documentation of the Capacity, Management, Operation and Maintenance (CMOM) program components in accordance with s. NR 210.23(4), Wis. Adm. Code. Such documentation shall be available for Department review upon request. The Department may request that the permittee provide this documentation or prepare a summary of the permittee's CMOM program at the time of application for reissuance of the WPDES permit.
- The permittee shall implement a CMOM program in accordance with s. NR 210.23, Wis. Adm. Code.
- The permittee shall at least annually conduct a self-audit of activities conducted under the permittee's CMOM program to ensure CMOM components are being implemented as necessary to meet the general standards of s. NR 210.23(3), Wis. Adm. Code.

5.3.3 Sewer Cleaning Debris and Materials

All debris and material removed from cleaning sanitary sewers shall be managed to prevent nuisances, run-off, ground infiltration or prohibited discharges.

- Debris and solid waste shall be dewatered, dried and then disposed of at a licensed solid waste facility.
- Liquid waste from the cleaning and dewatering operations shall be collected and disposed of at a permitted wastewater treatment facility.
- Combination waste including liquid waste along with debris and solid waste may be disposed
 of at a licensed solid waste facility or wastewater treatment facility willing to accept the
 waste.

5.4 Surface Water Requirements

5.4.1 Permittee-Determined Limit of Quantitation Incorporated into this Permit

For pollutants with water quality-based effluent limits below the Limit of Quantitation (LOQ) in this permit, the LOQ calculated by the permittee and reported on the Discharge Monitoring Reports (DMRs) is incorporated by reference into this permit. The LOQ shall be reported on the DMRs, shall be the lowest quantifiable level practicable, and shall be no greater than the minimum level (ML) specified in or approved under 40 CFR Part 136 for the pollutant at the time this permit was issued, unless this permit specifies a higher LOQ.

5.4.2 Appropriate Formulas for Effluent Calculations

The permittee shall use the following formulas for calculating effluent results to determine compliance with average concentration limits and mass limits and total load limits:

Weekly/Monthly/Six-Month/Annual Average Concentration = the sum of all daily results for that week/month/six-month/year, divided by the number of results during that time period. [Note: When a six-month average effluent limit is specified for Total Phosphorus the applicable periods are May through October and November through April.]

Weekly Average Mass Discharge (lbs/day): Daily mass = daily concentration (mg/L) x daily flow (MGD) x 8.34, then average the daily mass values for the week.

Monthly Average Mass Discharge (lbs/day): Daily mass = daily concentration (mg/L) x daily flow (MGD) x 8.34, then average the daily mass values for the month.

Six-Month Average Mass Discharge (lbs/day): Daily mass = daily concentration (mg/L) x daily flow (MGD) x 8.34, then average the daily mass values for the six-month period. [Note: When a six-month average effluent limit is specified for Total Phosphorus the applicable periods are May through October and November through April.]

Annual Average Mass Discharge (lbs/day): Daily mass = daily concentration (mg/L) x daily flow (MGD) x 8.34, then average the daily mass values for the entire year.

Total Monthly Discharge: = monthly average concentration (mg/L) x total flow for the month (MG/month) x 8.34.

Total Annual Discharge: = sum of total monthly discharges for the calendar year.

12-Month Rolling Sum of Total Monthly Discharge: = the sum of the most recent 12 consecutive months of Total Monthly Discharges.

5.4.3 Effluent Temperature Requirements

Weekly Average Temperature – If temperature limits are included in this permit, Weekly Average Temperature shall be calculated as the sum of all daily maximum results for that week divided by the number of daily maximum results during that time period.

Cold Shock Standard — Water temperatures of the discharge shall be controlled in a manner as to protect fish and aquatic life uses from the deleterious effects of cold shock pursuant to Wis. Adm. Code, s. NR 102.28. 'Cold Shock' means exposure of aquatic organisms to a rapid decrease in temperature and a sustained exposure to low temperature that induces abnormal behavior or physiological performance and may lead to death.

Rate of Temperature Change Standard – Temperature of a water of the state or discharge to a water of the state may not be artificially raised or lowered at such a rate that it causes detrimental health or reproductive effects to fish or aquatic life of the water of the state pursuant to Wis. Adm. Code, s. NR 102.29.

5.4.4 Visible Foam or Floating Solids

There shall be no discharge of floating solids or visible foam in other than trace amounts.

5.4.5 Surface Water Uses and Criteria

In accordance with NR 102.04, Wis. Adm. Code, surface water uses and criteria are established to govern water management decisions. Practices attributable to municipal, industrial, commercial, domestic, agricultural, land development or other activities shall be controlled so that all surface waters including the mixing zone meet the following conditions at all times and under all flow and water level conditions:

- a) Substances that will cause objectionable deposits on the shore or in the bed of a body of water, shall not be present in such amounts as to interfere with public rights in waters of the state.
- b) Floating or submerged debris, oil, scum or other material shall not be present in such amounts as to interfere with public rights in waters of the state.

- c) Materials producing color, odor, taste or unsightliness shall not be present in such amounts as to interfere with public rights in waters of the state.
- d) Substances in concentrations or in combinations which are toxic or harmful to humans shall not be present in amounts found to be of public health significance, nor shall substances be present in amounts which are acutely harmful to animal, plant or aquatic life.

5.4.6 Percent Removal

During any 30 consecutive days, the average effluent concentrations of BOD₅ and of total suspended solids shall not exceed 15% of the average influent concentrations, respectively. This requirement does not apply to removal of total suspended solids if the permittee operates a lagoon system and has received a variance for suspended solids granted under NR 210.07(2), Wis. Adm. Code.

5.4.7 Fecal Coliform

The monthly limit for fecal coliform shall be expressed as a geometric mean and applies year-round. In calculating the geometric mean, a value of 1 is used for any result of 0.

5.4.8 Reopener Clause

Pursuant to s. 283.15(11), Wis. Stat. and 40 CFR 131.20, the Department may modify or revoke and reissue this permit if, through the triennial standard review process, the Department determines that the terms and conditions of this permit need to be updated to reflect the highest attainable condition of the receiving water.

5.5 Land Application Requirements

5.5.1 Sludge Management Program Standards And Requirements Based Upon Federally Promulgated Regulations

In the event that new federal sludge standards or regulations are promulgated, the permittee shall comply with the new sludge requirements by the dates established in the regulations, if required by federal law, even if the permit has not yet been modified to incorporate the new federal regulations.

5.5.2 General Sludge Management Information

The General Sludge Management Form 3400-48 shall be completed and submitted prior to any significant sludge management changes.

5.5.3 Sludge Samples

All sludge samples shall be collected at a point and in a manner which will yield sample results which are representative of the sludge being tested, and collected at the time which is appropriate for the specific test.

5.5.4 Land Application Characteristic Report

Each report shall consist of a Characteristic Form 3400-49 and Lab Report. The Characteristic Report Form 3400-49 shall be submitted electronically by January 31 following each year of analysis.

Following submittal of the electronic Characteristic Report Form 3400-49, this form shall be certified electronically via the 'eReport Certify' page by a responsible executive or municipal officer, manager, partner or proprietor as specified in s. 283.37(3), Wis. Stats., or a duly authorized representative of the officer, manager, partner or proprietor that has been delegated signature authority pursuant to s. NR 205.07(1)(g)2, Wis. Adm. Code. The 'eReport Certify' page certifies that the electronic report is true, accurate and complete. The Lab Report must be sent directly to the facility's DNR sludge representative or basin engineer unless approval for not submitting the lab reports has been given.

The permittee shall use the following convention when reporting sludge monitoring results: Pollutant concentrations less than the limit of detection shall be reported as < (less than) the value of the limit of detection. For example, if a substance is not detected at a detection limit of 1.0 mg/kg, report the pollutant concentration as < 1.0 mg/kg.

All results shall be reported on a dry weight basis.

5.5.5 Calculation of Water Extractable Phosphorus

When sludge analysis for Water Extractable Phosphorus is required by this permit, the permittee shall use the following formula to calculate and report Water Extractable Phosphorus:

Water Extractable Phosphorus (% of Total P) =

[Water Extractable Phosphorus (mg/kg, dry wt) ÷ Total Phosphorus (mg/kg, dry wt)] x 100

5.5.6 Annual Land Application Report

Land Application Report Form 3400-55 shall be submitted electronically by January 31, each year whether or not non-exceptional quality sludge is land applied. Non-exceptional quality sludge is defined in s. NR 204.07(4), Wis. Adm. Code. Following submittal of the electronic Annual Land Application Report Form 3400-55, this form shall be certified electronically via the 'eReport Certify' page by a responsible executive or municipal officer, manager, partner or proprietor as specified in s. 283.37(3), Wis. Stats., or a duly authorized representative of the officer, manager, partner or proprietor that has been delegated signature authority pursuant to s. NR 205.07(1)(g)2, Wis. Adm. Code. The 'eReport Certify' page certifies that the electronic report form is true, accurate and complete.

5.5.7 Other Methods of Disposal or Distribution Report

The permittee shall submit electronically the Other Methods of Disposal or Distribution Report Form 3400-52 by January 31, each year whether or not sludge is hauled, landfilled, incinerated, or exceptional quality sludge is distributed or land applied. Following submittal of the electronic Report Form 3400-52, this form shall be certified electronically via the 'eReport Certify' page by a responsible executive or municipal officer, manager, partner or proprietor as specified in s. 283.37(3), Wis. Stats., or a duly authorized representative of the officer, manager, partner or proprietor that has been delegated signature authority pursuant to s. NR 205.07(1)(g)2, Wis. Adm. Code. The 'eReport Certify' page certifies that the electronic report form is true, accurate and complete.

5.5.8 Approval to Land Apply

Bulk non-exceptional quality sludge as defined in s. NR 204.07(4), Wis. Adm. Code, may not be applied to land without a written approval letter or Form 3400-122 from the Department unless the Permittee has obtained permission from the Department to self approve sites in accordance with s. NR 204.06 (6), Wis. Adm. Code. Analysis of sludge characteristics is required prior to land application. Application on frozen or snow covered ground is restricted to the extent specified in s. NR 204.07(3) (1), Wis. Adm. Code.

5.5.9 Soil Analysis Requirements

Each site requested for approval for land application must have the soil tested prior to use. Each approved site used for land application must subsequently be soil tested such that there is at least one valid soil test in the four years prior to land application. All soil sampling and submittal of information to the testing laboratory shall be done in accordance with UW Extension Bulletin A-2100. The testing shall be done by the UW Soils Lab in Madison or Marshfield, WI or at a lab approved by UW. The test results including the crop recommendations shall be submitted to the DNR contact listed for this permit, as they are available. Application rates shall be determined based on the crop nitrogen recommendations and with consideration for other sources of nitrogen applied to the site.

5.5.10 Land Application Site Evaluation

For non-exceptional quality sludge, as defined in s. NR 204.07(4), Wis. Adm. Code, a Land Application Site Request Form 3400-053 shall be submitted to the Department for the proposed land application site. The Department will evaluate the proposed site for acceptability and will either approve or deny use of the proposed site. The permittee may obtain permission to approve their own sites in accordance with s. NR 204.06(6), Wis. Adm. Code.

5.5.11 Sludge Hauling

The permittee is required to submit Form 3400-52 to the Department. If sludge is hauled to another facility, information shall include the quantity of sludge hauled, the name, address, phone number, contact person, and permit number of the receiving facility. Form 3400-52 shall be submitted annually by January 31 each year whether or not sludge is hauled.

6 Summary of Reports Due

FOR INFORMATIONAL PURPOSES ONLY

Description	Date	Page
Phosphorus Multi-Discharger Variance Interim Limit (0.8 mg/L) -Report on Effluent Discharges	September 30, 2022	8
Phosphorus Multi-Discharger Variance Interim Limit (0.8 mg/L) -Action Plan	March 31, 2023	8
Phosphorus Multi-Discharger Variance Interim Limit (0.8 mg/L) -Initiate Actions	October 1, 2023	8
Phosphorus Multi-Discharger Variance Interim Limit (0.8 mg/L) -Complete Actions	March 31, 2024	8
Phosphorus Schedule - Continued Optimization -Optimization	March 31, 2023	8
Phosphorus Schedule - Continued Optimization -Progress Report #2	March 31, 2024	8
Phosphorus Schedule - Continued Optimization -Progress Report #3	March 31, 2025	8
Phosphorus Schedule - Continued Optimization -Progress Report #4	March 31, 2026	8
Phosphorus Watershed Project Requirements -Annual Watershed Report	June 30, 2022	8
Phosphorus Watershed Project Requirements -Annual Watershed Report #2	May 1, 2023	9
Phosphorus Watershed Project Requirements -Annual Watershed Report #3	May 1, 2024	9
Phosphorus Watershed Project Requirements -Annual Watershed Report #4	May 1, 2025	9
Phosphorus Watershed Project Requirements -Annual Watershed Report #5	May 1, 2026	9
Chloride Source Reduction Measures (SRM) Annual Reports -Annual Chloride SRM Report	September 30, 2022	9
Chloride Source Reduction Measures (SRM) Annual Reports -Annual Chloride SRM Progress Report #2	September 30, 2023	9
Chloride Source Reduction Measures (SRM) Annual Reports - Annual Chloride SRM Progress Report #3	September 30, 2024	9
Chloride Source Reduction Measures (SRM) Annual Reports - Annual Chloride SRM Progress Report #4	September 30, 2025	9
Chloride Source Reduction Measures (SRM) Annual Reports -Final Chloride SRM Report	September 30, 2026	10
Chloride Source Reduction Measures (SRM) Annual Reports -Annual Chloride SRM Reports After Permit Expiration	See Permit	10
Quarterly Waterway Inspection -Quarterly Waterway Inspection	See Permit	10
Quarterly Waterway Inspection -Waterway Maintenance	See Permit	10
Compliance Maintenance Annual Reports (CMAR)	by June 30, each year	11
General Sludge Management Form 3400-48	prior to any significant sludge	19

	management changes	
Characteristic Form 3400-49 and Lab Report	by January 31 following each year of analysis	19
Land Application Report Form 3400-55	by January 31, each year whether or not non-exceptional quality sludge is land applied	20
Other Methods of Disposal or Distribution Report Form 3400-52	by January 31, each year whether or not sludge is hauled, landfilled, incinerated, or exceptional quality sludge is distributed or land applied	20
Wastewater Discharge Monitoring Report	no later than the date indicated on the form	10

Report forms shall be submitted electronically in accordance with the reporting requirements herein. Any facility plans or plans and specifications for municipal, industrial, industrial pretreatment and non industrial wastewater systems shall be submitted to the Bureau of Water Quality, P.O. Box 7921, Madison, WI 53707-7921. All <u>other</u> submittals required by this permit shall be submitted to: West Central Region, 1300 W. Clairemont Ave., Eau Claire, WI 54701.

23